Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_{1} \rightarrow 2n_{D} + 2~\gamma_{D} \rightarrow 2n_{D} + 4\mu$ 0.1 $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ $m_{\gamma_D} = 0.25 \text{ GeV}, c\tau_{\gamma_D} = 0.05 \text{ mm}$ 1st n_D (leading p_T) 0.08 $-2nd n_D$ 0.06 0.04 0.02 0 20 40 60 80 100 120 of n [GeV]

CMS Simulation (LHE) 13 TeV